

Datasheet for ABIN2668259
anti-STAT2 antibody (pTyr689)



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2 Images

Overview

Quantity:	200 µL
Target:	STAT2
Binding Specificity:	pTyr689
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Dot Blot (DB)

Product Details

Immunogen:	This STAT2 pTyr689 antibody was raised against a peptide containing pTyr689 of human STAT2.
Isotype:	IgG
Purification:	Affinity Purified

Target Details

Target:	STAT2
Alternative Name:	STAT2 (STAT2 Products)
Molecular Weight:	110 kDa
Gene ID:	6773
Pathways:	JAK-STAT Signaling , Hepatitis C , CXCR4-mediated Signaling Events

Application Details

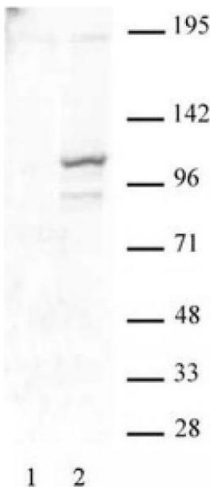
Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze/thaw cycles and keep on ice when not in storage.
Storage:	-80 °C
Storage Comment:	Antibodies in solution can be stored at -80 °C for 2 years.
Expiry Date:	6 months

Images



Dot Blot

Image 1. STAT2 phospho Tyr689 pAb tested by dot blot analysis. Dot blot analysis was used to confirm the specificity of STAT2 phospho Tyr689 pAb for STAT2 phospho Tyr689. Phosphorylated peptides corresponding to the immunogen and related peptides were spotted onto PVDF and probed with the antibody at 1:10,000. The amount of peptide (picomoles) spotted is indicated next to each row. Lane 1: Unmodified Ser727 STAT1 peptide. Lane 2: Phospho Ser727 STAT1 peptide. Lane 3: Unmodified Tyr689 STAT2 peptide. Lane 4: Phospho Tyr689 STAT2 peptide. Lane 5: Unmodified Ser727 STAT3 peptide. Lane 6: Phospho Ser727 STAT3 peptide. Lane 7: Unmodified Tyr705 STAT3 peptide. Lane 8: Phospho Tyr705 STAT3 peptide. Lane 9: Unmodified Ser726 STAT5A/Ser731 STAT5B peptide. Lane 10: Phospho Ser726 STAT5A/Ser731 STAT5B peptide. Lane 11: Unmodified Tyr694 STAT5A/Tyr699 STAT5B peptide.



Lane 12: Phospho Tyr694 STAT5A/Tyr699 STAT5B peptide.

Western Blotting

Image 2. STAT2 phospho Tyr689 pAb tested by Western blot. HeLa whole-cell extract (20 µg per lane) was probed with STAT2 phospho Tyr689 pAb (1:500). Lane 1: No treatment. Lane 2: Cells treated with IFNα (2500 units/ml for 30 minutes).